CLAIMS

What is claimed is:

1   1.   A method for operating a data processing system, said method comprising:

2   inserting a writeable media into a drive system which is coupled to said data

3   processing system;

4   instructing said data processing system (DPS) to write or erase first data on

5   said writeable media;

6   instructing said DPS to eject said writeable media from said drive system,

7   wherein upon said instructing said DPS to eject, said DPS writes or

8   erases said first data on said writeable media.

1   2.   A method as in claim 1 wherein said writeable media is an optical disk.

1   3.   A method as in claim 2 wherein said optical disk is a CD-R disk or CD-RW

2   disk or a DVD disk.

1   4.   A method as in claim 2 wherein said writeable media is blank when said

2   inserting is performed.

1   5.   A method as in claim 2 further comprising:

2   displaying automatically, in response to said inserting and on a display device

3   coupled to said DPS, a prompt to a user with at least two selectable

4   options which allow a user to: (1) eject said writeable media or (2) use

5   said writeable media.

1   6.   A method as in claim 2 further comprising:

2   displaying automatically, in response to said inserting and on a display device

3   coupled to said DPS, an icon of said writeable media, wherein said

4   icon is displayed on a desktop interface of said DPS.

1   7.   A method as in claim 6 wherein said icon may be directly used through a

2   graphical user interface to write data onto said writeable media.

1   8.   A method as in claim 5 further comprising if the use option was selected:

2   displaying automatically, in response to said inserting and on a display device

3   coupled to said DPS, an icon of said writeable media, wherein said

4   icon is displayed on a desktop interface of said DPS.

1   9.   A method as in claim 5 wherein if the use selectable option is selected, said

2   method further comprising:

3   creating automatically, in response to the use selectable option being selected,

4   a data file on a storage device which is coupled to said DPS prior to

5   writing data to said writeable media.

1   10.   A method as in claim 9 wherein said data file represents an entire capacity of

2   said writeable media.

1   11.   A method as in claim 10 wherein said data file represents a data cache for said

2   writeable media.

1   12.   A method as in claim 7 wherein said icon is directly used by a method which

2   includes one of (a) dragging and dropping of at least one icon onto said icon, or (b)

3   copying and pasting said at least one icon onto said icon.

1   13.   A method as in claim 6 wherein said desktop interface comprises a plurality of

2   icons for a corresponding plurality of storage devices coupled to said DPS and a

3   plurality of icons representing data files and subdirectories.

1   14.   A method for operating a data processing system, said method comprising:

2   inserting a blank writeable media into a drive system which is coupled to said

3   data processing system (DPS);

4   displaying automatically, in response to said inserting and on a display device

5   coupled to said DPS, a prompt to a user with at least three selectable

6   options which allow said user to: (1) eject said blank once writeable

7   media from said drive system or (2) use said blank once writeable

8   media in said drive system or (3) launch an audio CD creation

9   program.

1   15.   A method as in claim 14 wherein if said user selects to use said blank writeable

2   media, said method further comprises:

3   displaying automatically, in response to said user selecting to use said blank

4   writeable media, an icon representing said blank writeable media on

5   said display device.

1   16.   A method as in claim 15 wherein said icon is displayed on a desktop interface

2   of said DPS and wherein said icon may be directly used to write data onto said blank

3   writeable media.

1   17.   A method as in claim 15 wherein said icon is displayed before formatting of

2   said blank writeable media.

1   18.   A method for operating a data processing system, said method comprising:

2   inserting a blank writeable media into a drive system which is coupled to said

3   data processing system (DPS);

4   creating automatically, in response to said inserting, a data file on a storage

5   device which is coupled to said DPS prior to writing data to said blank

6   writeable media.

1   19.   A method as in claim 18 wherein said data file represents an entire storage

2   capacity of said blank writeable media.

1   20.   A method as in claim 19 wherein said data file represents a data cache for

2   copying data from said data file to said blank writeable media when said blank

3   writeable media is written to.

1   21.   A method as in claim 20 wherein said blank writeable media is a CD-R disk or

2   a CD-RW disk or a DVD disk.

1   22.   A method as in claim 19 further comprising:

2   displaying automatically, in response to said inserting and on a display device

3   coupled to said DPS, a prompt to a user with at least two selectable

4   options which allow said user to (1) eject said blank writeable media

5   from said drive system or (2) use said blank writeable media in said

6   drive system.

1   23.   A method as in claim 22 wherein said creating follows after said user selects to

2   use said blank writeable media.

1   24.   A method as in claim 18 wherein said storage device is a boot drive for said

2   DPS and contains an operating system for said DPS.

1   25.   A machine readable medium which stores executable computer program

2   instructions which when executed by a data processing system cause said data

3   processing system to perform a method, said method comprising:

4   inserting a writeable media into a drive system which is coupled to said data

5   processing system;

6   instructing said data processing system (DPS) to write or erase first data on

7   said writeable media;

8   instructing said DPS to eject said writeable media from said drive system,

9   wherein upon said instructing said DPS to eject, said DPS writes or

10   erases said first data on said writeable media.

1   26.   A machine readable medium as in claim 25 wherein said writeable media is an

2   optical disk.

1   27.   A machine readable medium as in claim 26 wherein said optical disk is a CD-R

2   disk or CD-RW disk or a DVD disk.

1   28.   A machine readable medium as in claim 26 wherein said writeable media is

2   blank when said inserting is performed.

1   29.   A machine readable medium as in claim 26 wherein said method further

2   comprises:

3   displaying automatically, in response to said inserting and on a display device

4   coupled to said DPS, a prompt to a user with at least two selectable

5   options which allow a user to: (1) eject said writeable media or (2) use

6   said writeable media.

1   30.   A machine readable medium as in claim 26 wherein said method further

2   comprises:

3   displaying automatically, in response to said inserting and on a display device

4   coupled to said DPS, an icon of said writeable media, wherein said

5   icon is displayed on a desktop interface of said DPS.

1   31.   A machine readable medium as in claim 30 wherein said icon may be directly

2   used through a graphical user interface to write data onto said writeable media.

1   32.   A machine readable medium as in claim 29 wherein said method further

2   comprises if the use option was selected:

3   displaying automatically, in response to said inserting and on a display device

4   coupled to said DPS, an icon of said writeable media, wherein said

5   icon is displayed on a desktop interface of said DPS.

1   33.   A method as in claim 29 wherein if the use option is selected, said method

2   further comprising:

3   creating automatically, in response to the use option being selected, a data file

4   on a storage device which is coupled to said DPS prior to writing data

5   to said writeable media.

1   34.   A machine readable medium as in claim 33 wherein said data file represents an

2   entire capacity of said writeable media.

1   35.   A machine readable medium as in claim 34 wherein said data file represents a

2   data cache for said writeable media.

1   36.   A machine readable medium as in claim 31 wherein said icon is directly used

2   by a method which includes one of (a) dragging and dropping of at least one icon onto

3   said icon, or (b) copying and pasting said at least one icon onto said icon.

1   37.   A machine readable medium as in claim 30 wherein said desktop interface

2   comprises a plurality of icons for a corresponding plurality of storage devices coupled

3   to said DPS and a plurality of icons representing data files and subdirectories.

1   38.   A machine readable medium which stores executable computer program

2   instructions which when executed on a data processing system cause said data

3   processing system to perform a method, said method comprising:

4   inserting a blank writeable media into a drive system which is coupled to said

5   data processing system (DPS);

6   displaying automatically, in response to said inserting and on a display device

7   coupled to said DPS, a prompt to a user with at least three selectable

8   options which allow said user to: (1) eject said blank once writeable

9   media from said drive system or (2) use said blank once writeable

10   media in said drive system or (3) launch an audio CD creation

11   program.

1   39.   A machine readable medium as in claim 38 wherein if said user selects to use

2   said blank writeable media, said method further comprises:

3   displaying automatically, in response to said user selecting to use said blank

4   writeable media, an icon representing said blank writeable media on

5   said display device.

1 40. A machine readable medium as in claim 39 wherein said icon is displayed on a

2 desktop interface of said DPS and wherein said icon may be directly used to write data

3 onto said blank writeable media.

1 41. A machine readable medium as in claim 39 wherein said icon is displayed

2 before formatting of said blank writeable media.

1 42. A machine readable medium which stores executable computer program

2 instructions which when executed by a data processing system cause said system to

3 perform a method, said method comprising:

4   inserting a blank writeable media into a drive system which is coupled to said

5   data processing system (DPS);

6   creating automatically, in response to said inserting, a data file on a storage

7   device which is coupled to said DPS prior to writing data to said blank

8   writeable media.

1 43. A machine readable medium as in claim 42 wherein said data file represents an

2 entire storage capacity of said blank writeable media.

1   44.   A machine readable medium as in claim 43 wherein said data file represents a

2   data cache for copying data from said data file to said blank writeable media when said

3   blank writeable media is written to.

1   45.   A machine readable medium as in claim 44 wherein said blank writeable media

2   is a CD-R disk or a CD-RW disk or a DVD disk.

1   46.   A machine readable medium as in claim 43 wherein said method further

2   comprises:

3   displaying automatically, in response to said inserting and on a display device

4   coupled to said DPS, a prompt to a user with at least two selectable

5   options which allow said user to (1) eject said blank writeable media

6   from said drive system or (2) use said blank writeable media in said

7   drive system.

1   47.   A machine readable medium as in claim 46 wherein said creating follows after

2   said user selects to use said blank writeable media.

1   48.   A machine readable medium as in claim 42 wherein said storage device is a

2   boot drive for said DPS and contains an operating system for said DPS.

1   49.   A data processing system comprising:

2   means for inserting a writeable media into a drive system which is coupled to

3   said data processing system;

4   means for instructing said data processing system (DPS) to write or erase first

5   data on said writeable media;

6   means for instructing said DPS to eject said writeable media from said drive

7   system, wherein upon said instructing said DPS to eject, said DPS

8   writes or erases said first data on said writeable media.

1   50.   A DPS as in claim 49 wherein said writeable media is an optical disk.

1   51.   A DPS as in claim 50 wherein said optical disk is a CD-R disk or CD-RW disk

2   or a DVD disk.

1   52.   A DPS as in claim 50 wherein said writeable media is blank when said

2   inserting is performed.

1   53.   A DPS as in claim 50 further comprising:

2   means for displaying automatically, in response to said inserting and on a

3   display device coupled to said DPS, a prompt to a user with at least

4   two selectable options which allow a user to: (1) eject said writeable

5   media or (2) use said writeable media.

1   54.   A DPS as in claim 50 further comprising:

2   means for displaying automatically, in response to said inserting and on a

3   display device coupled to said DPS, an icon of said writeable media,

4   wherein said icon is displayed on a desktop interface of said DPS.

1   55.   A DPS as in claim 54 wherein said icon may be directly used through a

2   graphical user interface to write data onto said writeable media.

1   56.   A DPS as in claim 53 further comprising if the use option was selected:

2   means for displaying automatically, in response to said inserting and on a

3   display device coupled to said DPS, an icon of said writeable media,

4   wherein said icon is displayed on a desktop interface of said DPS.

1   57.   A DPS as in claim 53 wherein if the use option is selected, said DPS further

2   comprising:

3   means for creating automatically, in response to the use option being selected,

4   a data file on a storage device which is coupled to said DPS prior to

5   writing data to said writeable media.

1   58.   A DPS as in claim 57 wherein said data file represents an entire capacity of

2   said writeable media.

1   59.   A DPS as in claim 58 wherein said data file represents a data cache for said

2   writeable media.

1   60.   A DPS as in claim 55 wherein said icon is directly used by a method which

2   includes one of (a) dragging and dropping of at least one icon onto said icon, or (b)

3   copying and pasting said at least one icon onto said icon.

1   61.   A DPS as in claim 54 wherein said desktop interface comprises a plurality of

2   icons for a corresponding plurality of storage devices coupled to said DPS and a

3   plurality of icons representing data files and subdirectories.

1   62.   A data processing system comprising:

2   means for inserting a blank writeable media into a drive system which is

3   coupled to said data processing system (DPS);

4   means for displaying automatically, in response to said inserting and on a

5   display device coupled to said DPS, a prompt to a user with at least

6   three selectable options which allow said user to: (1) eject said blank

7   once writeable media from said drive system or (2) use said blank once

8   writeable media in said drive system or (3) launch an audio CD

9   creation program.

1   63.   A DPS as in claim 62 wherein if said user selects to use said blank writeable

2   media, said method further comprises:

3   means for displaying automatically, in response to said user selecting to use

4   said blank writeable media, an icon representing said blank writeable

5   media on said display device.

1   64.   A DPS as in claim 63 wherein said icon is displayed on a desktop interface of

2   said DPS and wherein said icon may be directly used to write data onto said blank

3   writeable media.

1   65.   A DPS as in claim 63 wherein said icon is displayed before formatting of said

2   blank writeable media.

1   66.   A data processing system comprising:

2   means for inserting a blank writeable media into a drive system which is

3   coupled to said data processing system (DPS);

4   means for creating automatically, in response to said inserting, a data file on a

5   storage device which is coupled to said DPS prior to writing data to

6   said blank writeable media.

1   67.   A DPS as in claim 66 wherein said data file represents an entire storage

2   capacity of said blank writeable media.

1   68.   A DPS as in claim 67 wherein said data file represents a data cache for copying

2   data from said data file to said blank writeable media when said blank writeable media

3   is written to.

1   69.   A DPS as in claim 68 wherein said blank writeable media is a CD-R disk or a

2   CD-RW disk or a DVD disk.

1   70.   A DPS as in claim 67 further comprising:

2   means for displaying automatically, in response to said inserting and on a

3   display device coupled to said DPS, a prompt to a user with at least

4   two selectable options which allow said user to (1) eject said blank

5   writeable media from said drive system or (2) use said blank writeable

6   media in said drive system.

1   71.   A DPS as in claim 70 wherein said creating follows after said user selects to

2   use said blank writeable media.

1   72.   A DPS as in claim 66 wherein said storage device is a boot drive for said DPS

2   and contains an operating system for said DPS.